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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Thomas Hart

Application No.

10/031,889

Attorney Docket No.

WFU 99-35

Filed:

January 25, 2002

For:

METHODS AND COMPOSITIONS FOR  
DIAGNOSING PALMOPLANTAR  
KERATODERMAS AND DYSPLASIAS AND  
OTHER PERIODONTAL DISEASES

Examiner:

Not Yet Assigned

Group Art Unit:

Not Yet Assigned

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231.

7/17/02  
Date of Certificate

Kathleen D. Rigaut  
Kathleen D. Rigaut, Ph.D., J.D.

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date, but before receipt of the first Official Action on the merits. Thus, it is believed by the undersigned attorney that no fee is required under 37 C.F.R. §1.97(b).

In the event that a fee is required, the Commissioner is authorized to charge Deposit Account No. 04-1406 of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

In the opinion of the undersigned, the references submitted herewith are the

most pertinent of which the undersigned is aware. However, no representation is made or intended that more pertinent references do not exist.


This submission is not an admission that the references listed on the attached Form PTO-1449 constitute prior art against the claims of this application.

The Examiner is respectfully requested to confirm receipt and consideration of the cited references by initialing and returning a copy of the attached Form PTO-1449 in accordance with MPEP §609.

Early and favorable consideration of this application is respectfully requested.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN  
A Professional Corporation  
Attorneys for Applicant(s)

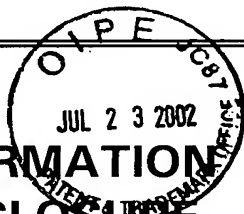
By   
Kathleen D. Rigaut, Ph.D., J.D.  
PTO Registration No. 43,047

Telephone: (215) 563-4100

Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of references listed on PTO - 1449



# INFORMATION DISCLOSURE STATEMENT

Complete if known

Application Number: 10/031,889

Filing Date: January 25, 2002

First Named Inventor: Thomas Hart

Group Art Unit: Not Yet Assigned

Examiner Name: Not Yet Assigned

SHEET 1 OF 2

Attorney Docket Number: WFU 99-35

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT

## OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	STEVENS, H.P. et al. "Linkage of an American Pedigree With Palmoplantar Keratoderma and Malignancy (Palmoplantar Ectodermal Dysplasia Type III) to 17q24"; Arch Dermatol 132(6): 640-651 (1996)
	C2	LAASS, M.W. et al. "Localisation of a gene for Papillon-Lefèvre syndrome to chromosome 11q14-z21 homozygosity mapping"; Hum Genet 101: 376-382 (1997)
	C3	HART, T.C. et al. "Sublocalization of the Papillon-Lefèvre Syndrome Locus on 11q14-q21"; American Journal of Medical Genetics 79: 134-139 (1998)
	C4	HART, T.C. et al. "An integrated physical and genetic map of the PLS locus interval on Chromosome 11q14"; Mammalian Genome 11: 243-246 (2000)
	C5	RAO, N.V. et al. "Human Dipeptidyl-peptidase I; Gene Characterization, Localization, and Expression"; The Journal of Biological Chemistry 272(15): 10260-10265 (1997)
	C6	PARIŠ, A. et al. "Molecular cloning and sequence analysis of human preprocathepsin C"; FEBS Letters 369: 326-330 (1995)
	C7	DOLENC, I. et al. "Oligomeric Structure and Substrate Induced Inhibition of Human Cathepsin C"; The Journal of Biological Chemistry 270(37): 21626-21631 (1995)
	C8	PHAM, C.T.N. et al. "Molecular Cloning, Chromosomal Localization, and Expression of Murine Dipeptidyl Peptidase I"; The Journal of Biological Chemistry 272(16): 10695-10703 (1997)

EXAMINER'S SIGNATURE	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.



**INFORMATION  
DISCLOSURE  
STATEMENT**

SHEET 2 OF 2

*Complete if known*

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Group Art Unit: Not Yet Assigned

Examiner Name: Not Yet Assigned

Attorney Docket Number: WFU 99-35

	C9	McGUIRE, M.J. et al. "Cloning and characterization of the cDNA encoding mouse dipeptidyl peptidase I (Cathepsin C)"; <i>Biochimica et Biophysica Acta</i> 1351: 267-273 (1997)
	C10	FIRATLI, E. et al. "Papillon-Lefèvre Syndrome. Analysis of Neutrophil Chemotaxis"; <i>J. Periodontol</i> 67: 617-620 (1996)
	C11	FIRATLI, E. et al. "Clinical and Immunological Findings in 2 Siblings With Papillon-Lefèvre Syndrome"; <i>J. Periodontol</i> 67: 1210-1215 (1996)
	C12	HART, T.C. et al. "Mutations of the cathepsin C gene are responsible for Papillon-Lefèvre syndrome"; <i>J. Med. Genet.</i> 36: 881-887 (1999)
	C13	LUCKER, G.P.H. et al. "The hereditary palmoplantar keratoses: an updated review and classification"; <i>British Journal of Dermatology</i> 131: 1-14 (1994)
	C14	WILKIE, A.O.M. "Craniosynostosis: genes and mechanisms"; <i>Human Molecular Genetics</i> 6(10): 1647-1656 (1997)
	C15	HOLA-JAMRISKA, L. et al. "Cathepsin C from <i>Schistosoma japonicum</i> cDNA encoding the preproenzyme and its phylogentic relationships"; <i>Eur. J. Biochem.</i> 255: 527-534 (1998)
	C16	WOLTERS, P.J. et al. "Regulated Expression, Processing, and Secretion of Dog Mast Cell Dipeptidyl Peptidase I"; <i>The Journal of Biological Chemistry</i> 273(25): 15514-15520 (1998)
	C17	MACKENZIE, I.C. et al. "Patterns of cytokeratin expression in human gingival epithelia"; <i>J. Periodont. Res.</i> 26: 468-478 (1991)
	C18	HORMIA, M. et al. "The Epithelium-Tooth Interface--A Basal Lamina Rich in Laminin-5 and Lacking Other Known Laminin Isoforms"; <i>J. Dent. Res.</i> 77(7): 1479-1485 (1998)
	C19	STABHOLZ, A. et al. "Occurrence of <i>Actinobacillus actinomycetemcomitans</i> and Anti-Leukotoxin Antibodies in Some Member of an Extended Family Affected by Papillon-Lefèvre Syndrome"; <i>J. Periodont.</i> 66: 653-657 (1995)

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